

## ===== PAJ =====

TI - ELECTRONIC EQUIPMENT USING LIQUID CRYSTAL DISPLAY PANEL

AB - PURPOSE: To notify the occurrence of abnormality to an operator without fail in comparison with a device to display a warning message or to generate a buzzer tone by executing warning by the back light of a liquid crystal display device when the abnormality occurs.

- CONSTITUTION: When the back light is turned on in order to execute a normal processing, an SW 4a of a white LED is turned on and the back light is turned on. When the occurrence of the abnormality is detected by a CPU 7, the SW 4a of the white LED is turned off and an SW 4b of a red LED is turned on. Then, the red LED is turned on instead of the white LED. When it is judged that the abnormality is canceled, the SW 4b of the red LED is turned off and the white LED is turned on. Not only the LED as the example of the back light but also a light emitting element such as electroluminescence, etc., is used to realize the similar effect.

PN - JP3172999 A 19910726

PD - 1991-07-26

ABD - 19911028

ABV - 015424

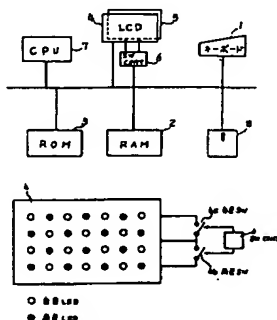
AP - JP19890312856 19891201

GR - P1268

PA - CANON INC

IN - SUGITO YOJI

I - G08B23/00 ; G02F1/133 ; G02F1/1335 ; G06F11/32 ; G09F9/00 ; H01L33/00



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